



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Gurcan  
Application No.: 10/600,783  
Filing Date : June 20, 2003  
Title : COMPUTER-AID DETECTION METHOD ~~VS~~ VOLUMETRIC IMAGERY  
Docket No. : ICA 0070 PA

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Sir:

REVOCATION AND POWER OF ATTORNEY

iCAD, Inc., assignee of the entire right, title and interest in and to the above entitled U.S. patent application, and the invention disclosed therein, hereby revokes all previous Powers of Attorney and appoints:

Richard A. Killworth	Reg. No. 26,397
James F. Gottman	Reg. No. 27,262
Timothy W. Hagan	Reg. No. 29,001
James E. Beyer	Reg. No. 39,564
Susan M. Luna	Reg. No. 38,769
Patricia L. Prior	Reg. No. 33,758
William A. Jividen	Reg. No. 42,695
John D. Reed	Reg. No. 46,506
Kristina E. Swanson	Reg. No. 53,657
Paul M. Ulrich	Reg. No. 46,404

as its attorneys and/or agent with full power to handle all matters before the U.S. Patent and Trademark Office.

Please address all future correspondence to Dinsmore & Shohl, LLP, One South Main Street, Suite 1300, One Dayton Centre, Dayton, Ohio 45402-2023. Address all telephone calls to the same firm at 937-449-6400.

By Martin P. DeSimio

Martin P. DeSimio

Its IP Manager

Date: 21 Nov 04



June 28, 2004

Martin DeSimio, Ph.D.  
Intellectual Property Manager  
iCAD, Inc.  
2689 Commons Blvd., Suite 100  
Beavercreek, OH 45431

**RE: Delegation of Authority**

Dear Marty,

Effective immediately, you are hereby authorized to act on behalf of the company in appointing attorneys or agents to transact all business in the United States Patent and Trademark Office. You are further authorized to appoint attorneys or agents to represent the company in connection with international applications filed under the Patent Cooperation Treaty.

Sincerely,

Thomas E. Shoup  
Vice President of Operations

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iCAD, Inc.  
2689 Commons Blvd. Ste 100  
Beavercreek, OH 45431

Ph: (937) 431-1464  
Fx: (937) 431-1465



ASSIGNMENT OF U. S. PENDING PATENT APPLICATIONS AND ISSUED PATENTS

WHEREAS, **Qualia Acquisition Corp.**, a corporation organized under the laws of the state of Delaware, and having its principal place of business at 4 Townsend West, Suite 17, Nashua, New Hampshire 03063 (hereinafter referred to as Assignor), is the owner of the entire right, title and interest in and to the United States patent applications and issued patents and the inventions described in the Schedule attached hereto;

WHEREAS, **iCAD, Inc.**, a corporation organized under the laws of the state of Delaware, and having its principal place of business at 4 Townsend West, Suite 17, Nashua, New Hampshire 03063 (hereinafter referred to as Assignee) is desirous of acquiring the entire right, title and interest in and to the aforesaid patent applications and issued patents and the inventions therein described;

NOW, THEREFORE, in consideration of One Dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, said Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions as described in the aforesaid pending applications and issued patents and any divisions or continuations thereof and the inventions therein disclosed and any improvements thereof, and any patent or patents that may be issued or reissued thereon, the same to be held and enjoyed by the Assignee for its own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives to the full end of the term for which the Letters Patents have been granted or may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor, if this assignment and sale had not been made; together with all claims for damages by reason of past infringement of the Letters Patents, with the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns and other legal representatives; Assignor hereby authorizes the Assignee, its successors and assigns, to file in its own name applications for patents in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of the United States

applications or otherwise, and to secure in its own name the patent or patents issued thereon; and Assignor hereby agrees that, upon request, it will sign all papers, and make all rightful oaths, and do all acts which the Assignee, its successors or assigns, may consider necessary in connection with the United States applications, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

IN WITNESS WHEREOF, the Assignor has caused these presents to be signed by its duly authorized officer below named this 12 day of November, 2004.

**Qualia Acquisition Corp.**

By

Its

State of New Hampshire )  
County of Hillsborough ) ss

On this 12th day of November, 2004 before me a Notary Public in and for the above County and State, personally appeared the above named W. Scott Pan, personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.

Karen L  
Notary Public

**KAREN LEWIS, Notary Public**  
**My Commission Expires September 25, 2007**



**SCHEDULE  
PENDING APPLICATIONS**

Serial No.	Filing Date	Title
10/674232	09/29/2003	OPTIMAL PARAMETER SELECTION FOR THE DETECTION OF CLUSTERED MICROCALCIFICATIONS IN DIGITAL MAMMOGRAMS
10/113380	03/29/2002	METHOD AND SYSTEM FOR COMPUTATIONAL IDENTIFICATION OF NEW DRUG-LIKE CHEMICALS
10/298345	11/18/2002	ERROR HANDLING IN A HIGH THROUGHPUT COMPUTER-AIDED DETECTION ENVIRONMENT
10/288766	11/06/2002	INFORMATION FUSION WITH BAYES NETWORKS IN COMPUTER-AIDED DETECTION SYSTEMS
10/427144	04/30/2003	COMPUTER-AIDED DETECTION METHODS FOR VOLUMETRIC IMAGING
10/600783	06/20/2003	COMPUTER-AIDED DETECTION METHODS IN VOLUMETRIC IMAGERY
10/298317	11/18/2002	BILLING SUPPORT IN A HIGH THROUGHPUT COMPUTER-AIDED DETECTION ENVIRONMENT

**ISSUED PATENTS**

Pat. No.	Issue Date	Title
6757415	06/29/2004	COMPUTER-AIDED DETECTION OF MASSES AND CLUSTERED MICROCALCIFICATIONS WITH SINGLE AND MULTIPLE INPUT IMAGE CONTEXT CLASSIFICATION STRATEGIES
6801645	10/05/2004	COMPUTER-AIDED DETECTION OF MASSES AND CLUSTERED MICROCALCIFICATIONS WITH SINGLE AND MULTIPLE INPUT IMAGE CONTEXT CLASSIFICATION STRATEGIES
6763128	07/13/2004	COMPUTER-AIDED DETECTION OF MASSES AND CLUSTERED MICROCALCIFICATIONS WITH SINGLE AND MULTIPLE INPUT IMAGE CONTEXT CLASSIFICATION STRATEGIES
6650766	11/18/2003	OPTIMAL PARAMETER SELECTION FOR THE DETECTION OF CLUSTERED MICROCALCIFICATIONS IN DIGITAL MAMMOGRAMS
6205236	03/20/2001	OPTIMAL PARAMETER SELECTION FOR THE DETECTION OF CLUSTERED MICROCALCIFICATIONS IN DIGITAL MAMMOGRAMS

Pat. No.	Issue Date	Title
6091841	07/18/2000	OPTIMAL PARAMETER SELECTION FOR THE DETECTION OF CLUSTERED MICROCALCIFICATIONS IN DIGITAL MAMMOGRAMS
6115488	09/05/2000	OPTIMAL PARAMETER SELECTION FOR THE DETECTION OF CLUSTERED MICROCALCIFICATIONS IN DIGITAL MAMMOGRAMS
5999639	12/07/1999	OPTIMAL PARAMETER SELECTION FOR THE DETECTION OF CLUSTERED MICROCALCIFICATIONS IN DIGITAL MAMMOGRAMS
6556699	04/29/2003	OPTIMAL PARAMETER SELECTION FOR THE DETECTION OF CLUSTERED MICROCALCIFICATIONS IN DIGITAL MAMMOGRAMS
6389157	05/14/2002	OPTIMAL PARAMETER SELECTION FOR THE DETECTION OF CLUSTERED MICROCALCIFICATIONS IN DIGITAL MAMMOGRAMS
6137898	10/24/2000	GABOR FILTERING FOR IMPROVED MICROCALCIFICATION DETECTION IN DIGITAL MAMMOGRAMS
6778941	08/17/2004	MESSAGE AND USER ATTRIBUTES IN A MESSAGE FILTERING METHOD AND SYSTEM



IPW

PTO/SB/96 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Gurcan

Application No./Patent No.: 10/600,783

Filed/Issue Date: June 20, 2003

Entitled: COMPUTER-AIDED DETECTION METHOD IN VOLUMETRIC IMAGERY

iCAD, Inc.

a Corporation of Delaware

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_%

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Gurcan To: Qualia Computing, Inc.

The document was recorded in the United States Patent and Trademark Office at  
Reel 014075, Frame 0664, or for which a copy thereof is attached.

2. From: Qualia Computing, Inc. To: Qualia Acquisition Corp.

The document was recorded in the United States Patent and Trademark Office at  
Reel 015328, Frame 0620, or for which a copy thereof is attached.

3. From: Qualia Acquisition Corp. To: iCAD, Inc.

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Kristina E. Swanson

Signature

Kristina E. Swanson

12/13/04

Date

(937) 449-6400

Attorney of Record

Printed or Typed Name

Telephone Number

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.